



Abdulhakim Abdulrahman Alhowaish

Senior researcher with over 10 years experience on Bayesian Estimation, Probability & Statistical inference, and Radar & Electric Warfare looking for an opportunity to collaborate on suitable research projects.

+966562687667

ah.howaish@gmail.com

KSA - Riyadh

Education



Master's from Arizona State University
2019



Bachelor from King Fahd University for Petroleum and Minerals
2013

“

Thesis Topic

Bayesian Framework for Sparse Vector Recovery and Parameter Bounds with Application to Compressive Sensing

”

Experience



Senior Researcher
Feb-2015 - until now

- Participation in the design of a Digital Radio Frequency Memory (DRFM) PCB board as a hardware designer.
- Involvement in the design of a real-time mass storage system board using HMC Micron Technology.
- Field experience regarding the installation of an electrical system into a marine platform.



Electrical Engineer
Aug-2013 to Feb-2015

- Member of the hardware unit in NCEDS at KACST.
- Attended a course related to hardware designing using AltiumDesigner.



Intern
Jun-2012 to Dec-2012

- Hardware testing trainee at the R&D department.
- Training includes PCB testing & troubleshooting, and ARM Microprocessor debugging.

Courses



introduction to Complexity and Applied Complexity
Apr2022

- Probability Theory
- Theory of Computation
- Statistical Inference
- Stochastic Processes
- Information Theory



An introduction to programming the internet of things (IOT)
Oct 2020

- Introduction to the internet of things and embedded systems
- The Arduino platform and C programming
- Interfacing with the Arduino
- The Raspberry Pi platform and Python programming
- Interfacing with the Raspberry Pi
- Programming for the internet of things project



EMI/EMC and Signal Integrity Boot Camp
Nov 2017



Altium Designer Introductory Course
Oct 2014

- Hardware design process and tutorial

Technical Skills



Languages

Arabic “ native”

English “ fluent”

Publications



2020 54th Asilomar Conference on Signals , Systems, and Computers

“On Misspecified Parameter Bounds with Application to Sparse Bayesian Learning”